

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	("20050028737").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/13 10:40
S2	2	("6703081").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/12 21:12
S3	9	("3839182"   "4492845"   "4929321"   "5340621"   "5380420"   "5580429"   "5709784"   "5753045"   "6045667").PN. OR ("6703081").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2005/06/12 21:54
S4	0	118/723hc,723e	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/06/12 21:55
S5	81	(118/723hc).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/29 13:15
S6	76	S5 and (@ad<="20020111" or @rlad<="20020111")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/06/12 22:36
S7	2169	(118/723e,723r).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/12 22:15
S8	39	S7 and (plasma beam)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/06/12 22:21

## EAST Search History

S9	13	S7 and (hot cathode) and (cold cathode)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/06/12 22:30
S10	483	S7 and (axis or axes) and parallel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/06/12 22:32
S11	114	S10 and cathode and anode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/06/12 22:36
S12	317	(S10 not S11) and (@ad<="20020111" or @rlad<="20020111")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/06/12 22:47
S13	371	lund-j\$.xp.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/06/12 22:49
S14	62	lund-j\$.xa. and plasma and clean\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/06/18 16:42
S15	32	Alejandro-Mulero-L\$.xp.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/06/12 22:54
S16	21	Alejandro-L\$.xp.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/06/12 22:53

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S17	32	(Alejandro near3 Mulero near3 Luz).xp.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/06/12 22:56
S18	94	(Alejandro).xp.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/06/12 22:56
S19	39	("6051073").URPN.	USPAT	ADJ	ON	2005/06/12 23:01
S20	2	("20040123801").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/12 23:02
S21	0	(Luz Mulero Alejandro).xp.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/06/13 10:41
S22	0	(Luz Alejandro Mulero).xp.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/06/13 10:41
S23	0	("5965034" "6015597" "6127275" "6143144" "6231776" "6443092" "6508911" "6533910" "6613442" "6773751" "20030013315" "20030029565" "20040123801").PN"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/06/13 11:32
S24	0	("5965034" "6015597" "6127275" "6143144" "6231776" "6443092" "6508911" "6533910" "6613442" "6773751" "20030013315" "20030029565" "20040123801").PN"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/06/13 11:33
S25	26	("5965034" "6015597" "6127275" "6143144" "6231776" "6443092" "6508911" "6533910" "6613442" "6773751" "20030013315" "20030029565" "20040123801").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/06/13 11:34

## EAST Search History

S26	9	("3839182"   "4492845"   "4929321"   "5340621"   "5380420"   "5580429"   "5709784"   "5753045"   "6045667").PN. OR ("6703081").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2005/12/29 12:10
S27	24	("4421592"   "4509451"   "4612207"   "4643952"   "4762756"   "4782267"   "4840139"   "4893584"   "4930442"   "4953498"   "4969416"   "4998968"   "5095247"   "5227202"   "5256206"   "5336326"   "5342660"   "5356672"   "5413663"   "5435849"   "5490910").PN. OR ("5753045").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2005/12/29 12:20
S28	83	(118/723hc).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/29 13:22
S29	2263	(118/723e,723r).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/29 13:22
S30	39	S29 and (plasma beam)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/12/29 13:22
S31	13	S29 and (hot cathode) and (cold cathode)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/12/29 13:22
S32	509	S29 and (axis or axes) and parallel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/12/29 13:22
S33	120	S32 and cathode and anode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/12/29 13:22

## EAST Search History

S34	8	(S28 or S30 or S31 or S32 or S33) and @pd>="20050612" and (@rlad<="20020111" or @ad<="20020111")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/06/18 00:23
S35	78	(plasma beam) same axis same parallel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/12/29 15:05
S36	57	S35 and (@rlad<="20020111" or @ad<="20020111")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/12/29 15:04
S37	918538	c23c016\$ or h01l021\$	EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/12/29 15:05
S38	5	S37 and (plasma beam) and axis and parallel	EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/12/29 15:11
S39	21	"664768"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/12/29 15:25
S40	86	(118/723hc).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/18 00:24
S41	2350	(118/723e,723r).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/18 00:24
S42	44	S41 and (plasma beam)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/06/18 00:24

## EAST Search History

S43	13	S41 and (hot cathode) and (cold cathode)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/06/18 00:24
S44	528	S41 and (axis or axes) and parallel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/06/18 00:24
S45	123	S44 and cathode and anode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/06/18 00:24
S46	9	(S40 or S42 or S43 or S44 or S45) and @pd>="20051229" and (@rlad<="20020111" or @ad<="20020111")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/06/18 00:27
S47	85	(plasma beam) same axis same parallel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/06/18 00:28
S48	6	(S47) and @pd>="20051229" and (@rlad<="20020111" or @ad<="20020111")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/06/18 00:28
S49	12	S46 or S48	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/06/18 00:28
S50	308	(lund-j\$.xa. or Lund-j\$.xp.) and plasma	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/06/18 16:44